



IUCAA Sponsored

Meghnad Saha Memorial Workshop on Solar Astronomy Focused on Aditya-L1 Mission

Organized by

Department of Physics, University of Allahabad, Prayagraj

(04 - 06 December 2023)



Prof. Meghnad Saha was an eminent scientist and founder head of the Department of Physics, University of Allahabad. His famous theory of “**Thermal Ionization**” is a milestone in Astrophysics. The department was established in 1923 and hence celebrates its centenary year. Coincidentally, India launched its First Solar Mission, “**Aditya L1**”, on 2nd September 2023. The spacecraft will be placed in a halo orbit around the Sun-Earth system’s first Lagrange point (L1) and can observe the Sun continuously 24 hrs, 365 days. It carries seven payloads to observe the Photosphere, Chromosphere, Corona, and Heliosphere using remote sensing and in-situ measurements. **The Department of Physics is organizing workshop on Solar Astronomy focused on Aditya-L1 mission to familiarise students with the basic processes happening on the Sun and its atmosphere, including the outstanding questions.**

Topic Covered:

- ★ Introduction to the Sun
- ★ Introduction to the ADITYA-L1 mission and its science objectives
- ★ Solar Eruptive Phenomena and Space Weather
- ★ Demonstration of the basic solar data analysis

Who can apply?

Students pursuing B.Sc. (Final year)/ M.Sc. /Int. M.Sc./ M.Tech./ Ph.D. (1st and 2nd year) or those who have passed M.Sc./Int. M.Sc./M.Tech. in 2022 and onward are eligible to apply.

Support for the Participants:

- ★ Reimbursement of Sleeper Class round trip train ticket to Prayagraj
- ★ Fooding and lodging during the workshop
- ★ Participation certificate at the end of the workshop

Important Dates & Venue:

Deadline for registration: 20th October 2023

Workshop: 04-06 December 2023

Venue: Department of Physics, University of Allahabad, Prayagraj

No Registration Fee



[Application Form](https://forms.gle/qvov3r81GDvF9CfR6) (https://forms.gle/qvov3r81GDvF9CfR6)

Selected participants will be intimated via email.

Organising Committee:

Patron: Prof. Sangita Srivastava

Hon’ble Vice-Chancellor, UoA

Chairman: Prof. Vivek Kumar Tiwari

IUCAA Coordinator: Prof. Durgesh Tripathi

Convenor: Dr. Upendra Kr. S. Kushwaha

Local Organising committee:

Dr. Tarkeshwar Trivedi

Dr. Abhishek Paswan

Dr. Swatantra Kumar Tiwari

Dr. Arvind Kumar

Dr. Prithvi Raj Singh

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